

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085138.D
 Acq On : 3 Mar 2016 00:01
 Operator : SJ/IZ
 Sample : H1623-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Quant Time: Mar 03 04:48:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

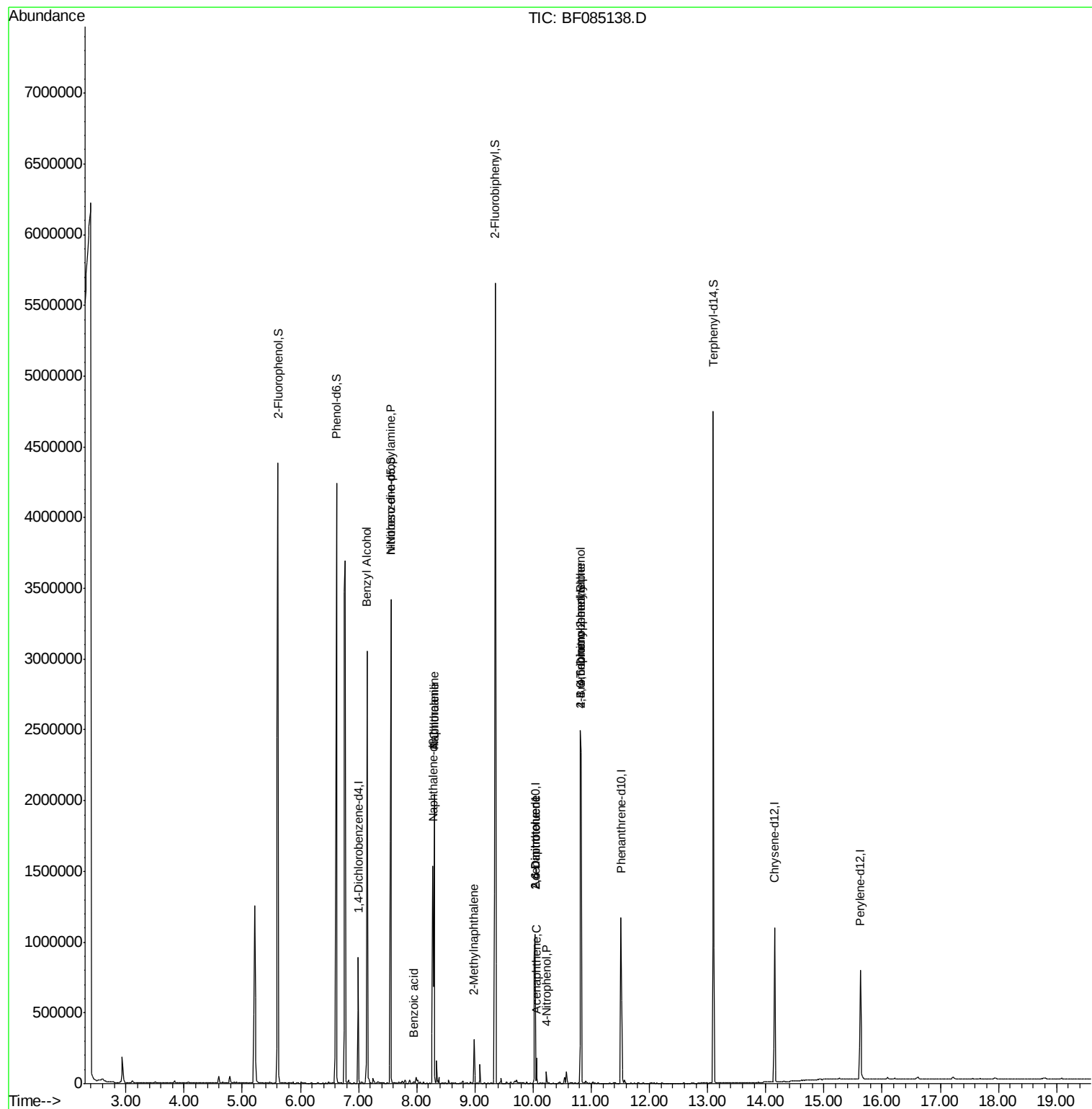
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	160538	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	659644	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	288932	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	488300	20.00	ng	0.00
75) Chrysene-d12	14.15	240	365163	20.00	ng	0.00
86) Perylene-d12	15.63	264	369113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1395235	141.09	ng	0.03
7) Phenol-d6	6.62	99	1633186	125.98	ng	0.00
23) Nitrobenzene-d5	7.56	82	1257299	101.41	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	525426	180.96	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1764340	89.93	ng	0.00
78) Terphenyl-d14	13.10	244	1521881	97.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	1301	Below Cal		88
15) Benzyl Alcohol	7.14	79	20388	2.16 ng	#	49
19) n-Nitroso-di-n-propylamine	7.56	70	175494	20.54 ng	#	78
31) Naphthalene	8.30	128	918162	27.52 ng		98
32) Benzoic acid	7.96	122	2479	12.69 ng		92
33) 4-Chloroaniline	8.30	127	121797	9.24 ng	#	32
37) 2-Methylnaphthalene	8.98	142	80288	3.94 ng		98
50) 2,6-Dinitrotoluene	10.04	165	37595	8.46 ng	#	22
51) Acenaphthene	10.06	154	39233	2.25 ng		96
55) 4-Nitrophenol	10.23	139	11479	2.83 ng	#	21
56) 2,4-Dinitrotoluene	10.04	165	37595	6.28 ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.81	198	1039	7.50 ng	#	1
66) 4-Bromophenyl-phenylether	10.82	248	30541	5.96 ng	#	1

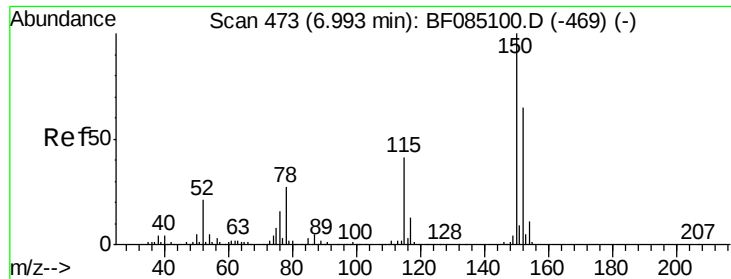
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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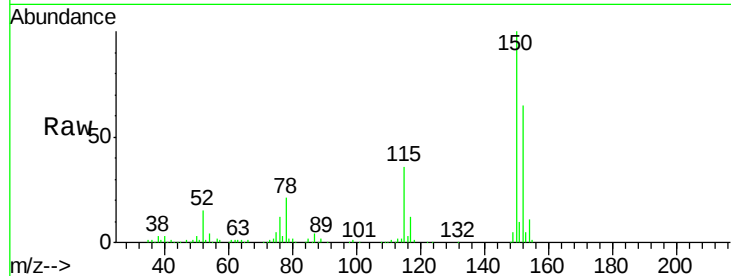


#1

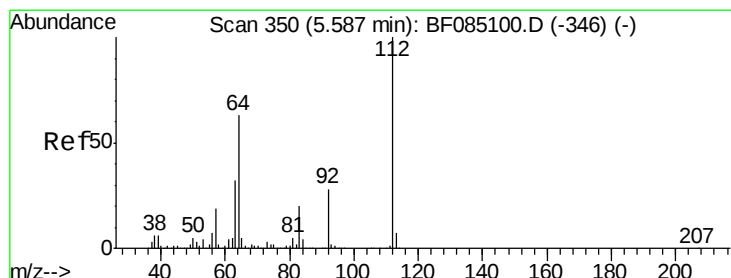
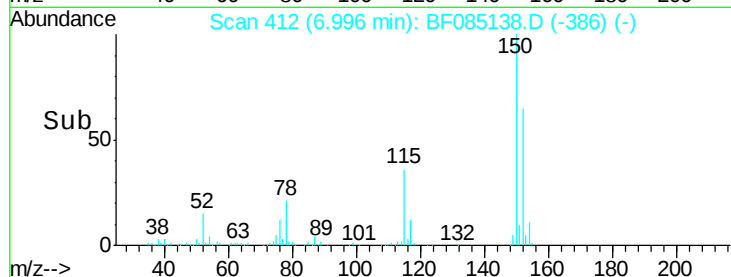
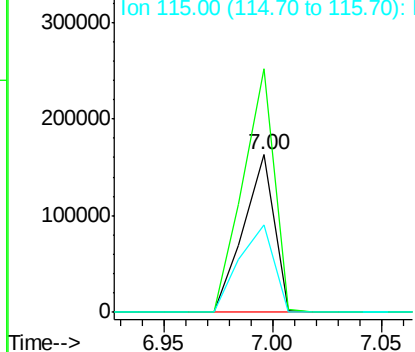
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

Tgt Ion:152 Resp: 160538
Ion Ratio Lower Upper
152 100
150 154.7 123.4 185.0
115 55.4 50.0 75.0



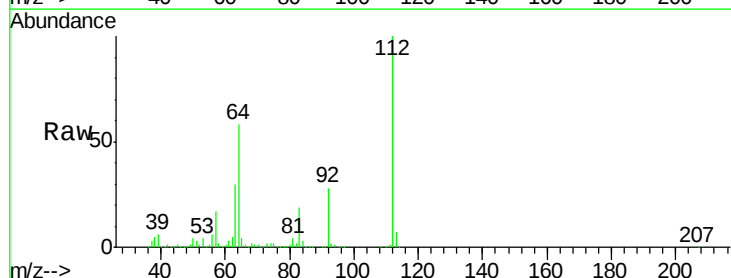
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



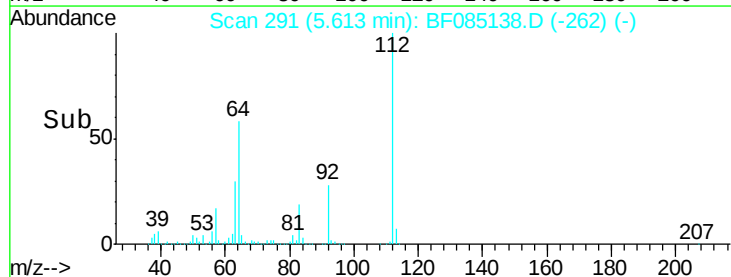
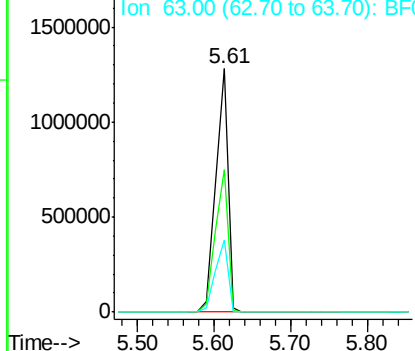
#5

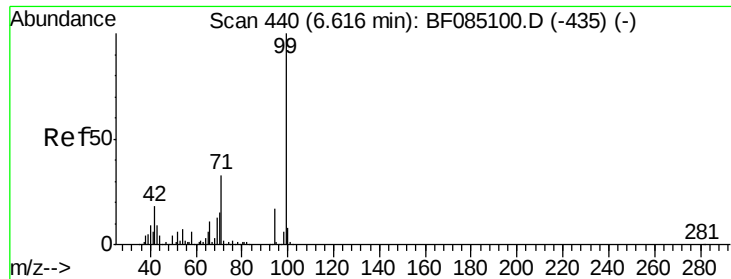
2-Fluorophenol
Concen: 141.09 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Tgt Ion:112 Resp: 1395235
Ion Ratio Lower Upper
112 100
64 58.4 50.6 76.0
63 29.6 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.98 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

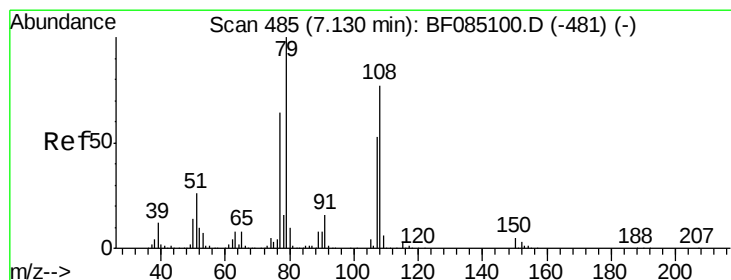
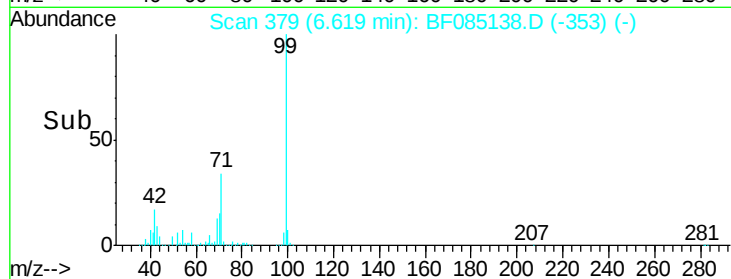
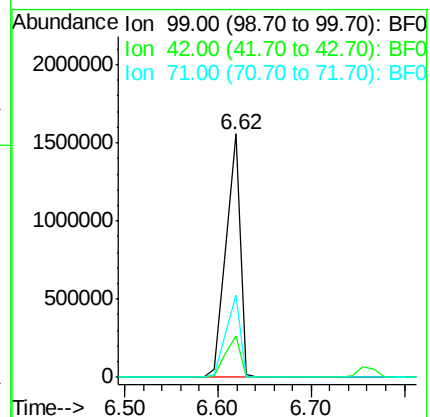
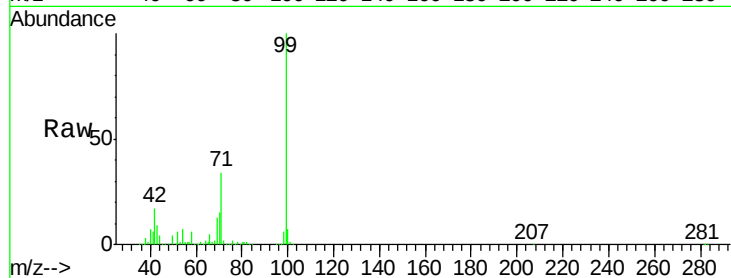
Tgt Ion: 99 Resp: 1633186

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

71 33.8 26.8 40.2



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

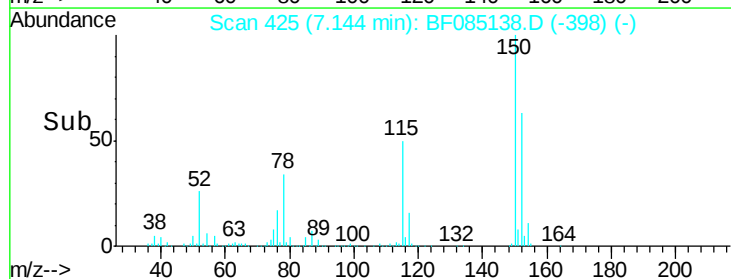
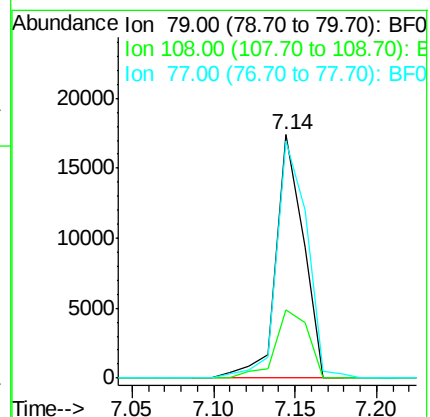
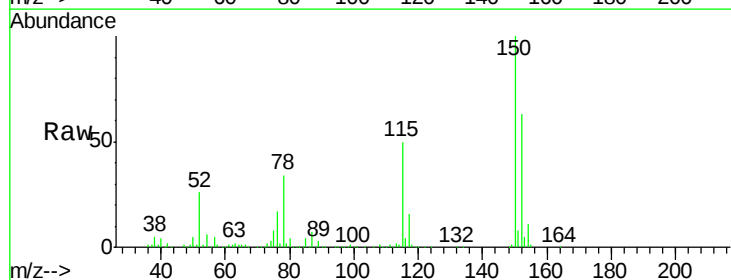
Tgt Ion: 79 Resp: 20388

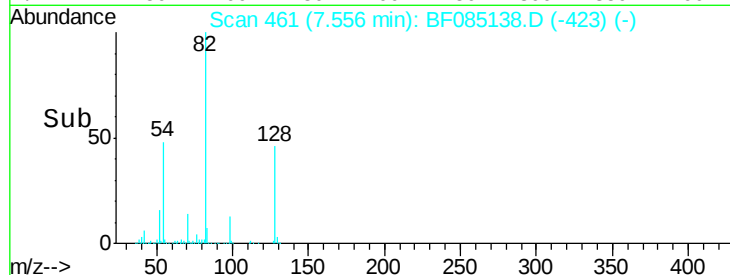
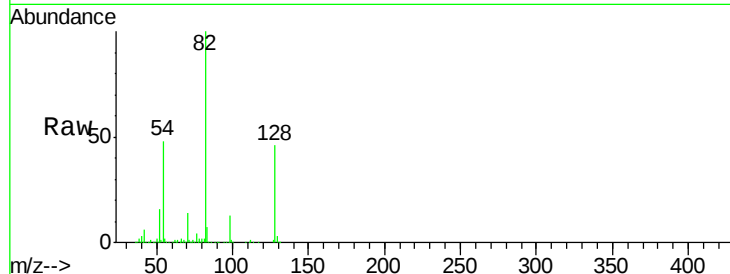
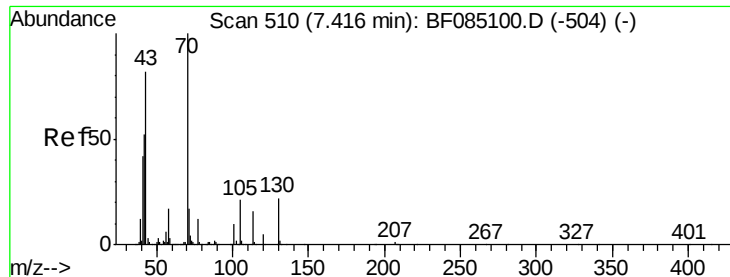
Ion Ratio Lower Upper

79 100

108 27.9 61.8 92.6#

77 97.6 51.2 76.8#

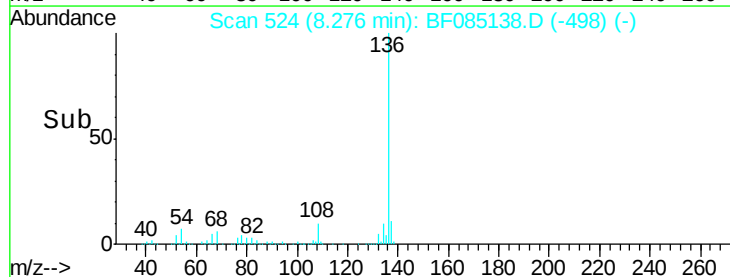
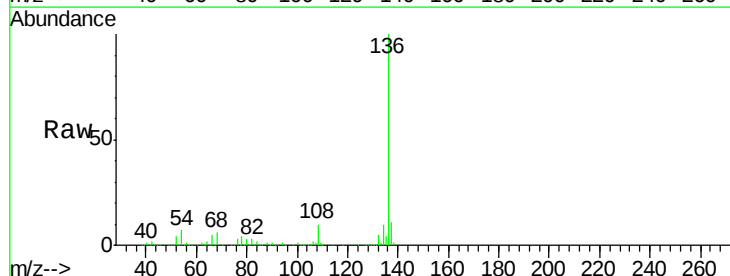
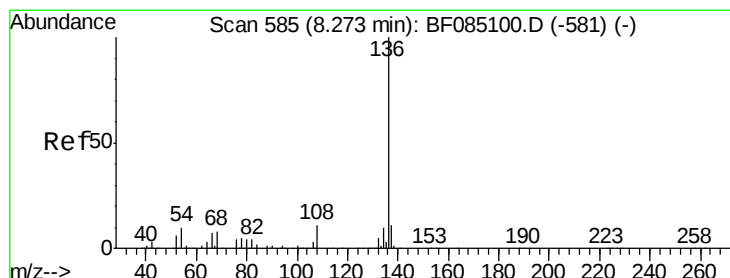
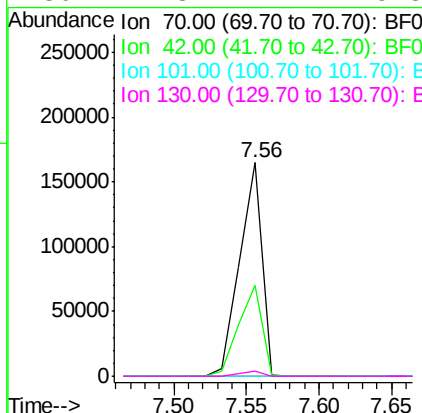




#19
n-Nitroso-di-n-propylamine
Concen: 20.54 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

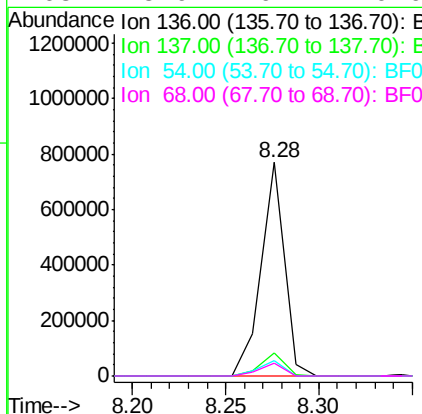
Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

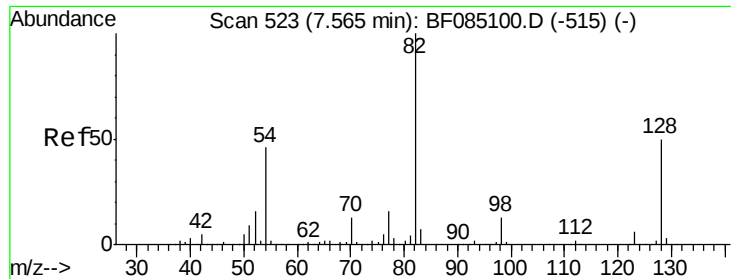
Tgt Ion:	70	Resp:	175494
Ion	Ratio	Lower	Upper
70	100		
42	42.6	41.9	62.9
101	0.0	7.8	11.8#
130	2.3	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Tgt Ion:	136	Resp:	659644
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.1	8.5	12.7#
68	5.9	6.4	9.6#

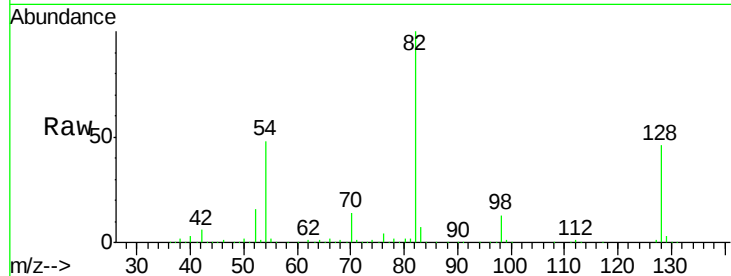




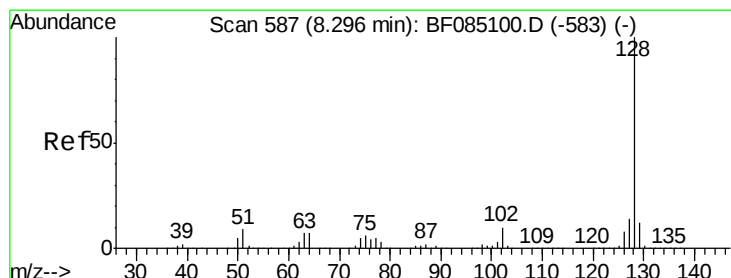
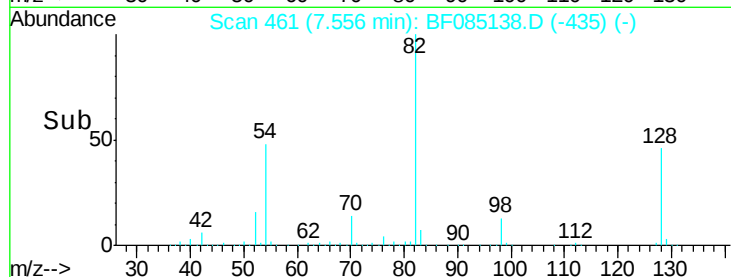
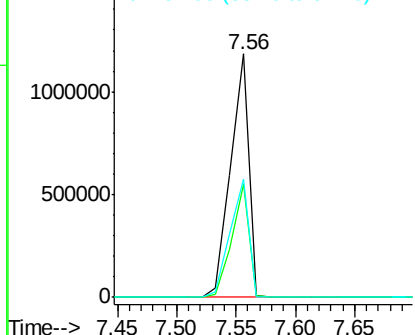
#23
Nitrobenzene-d5
Concen: 101.41 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

Tgt Ion: 82 Resp: 1257299
Ion Ratio Lower Upper
82 100
128 46.4 39.8 59.6
54 48.3 36.6 54.8

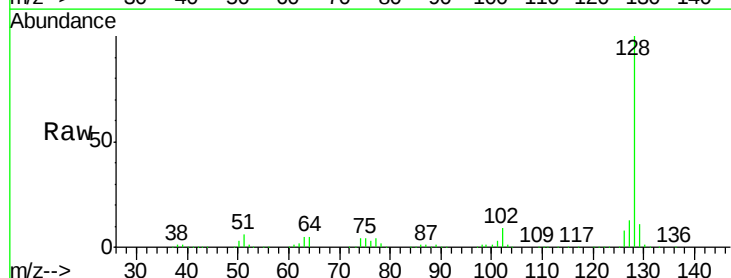


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

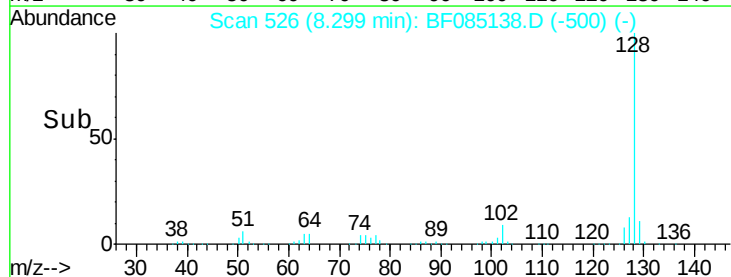
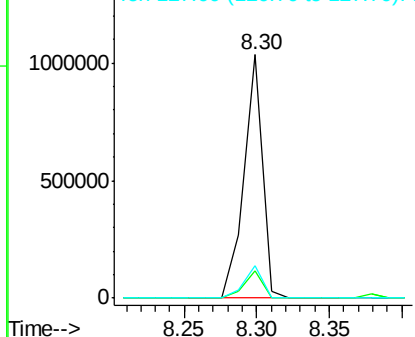


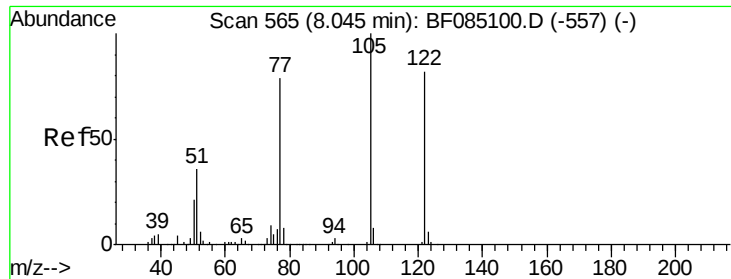
#31
Naphthalene
Concen: 27.52 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Tgt Ion: 128 Resp: 918162
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 13.3 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

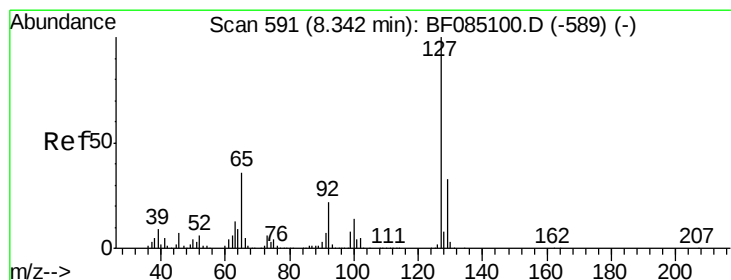
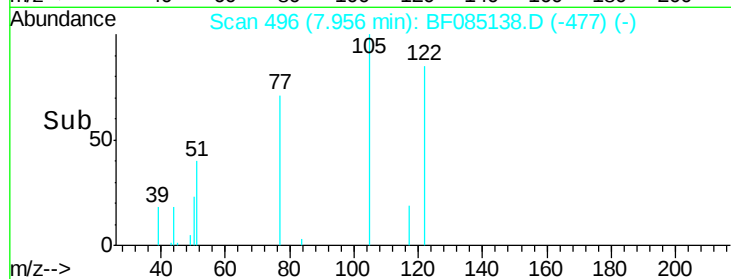
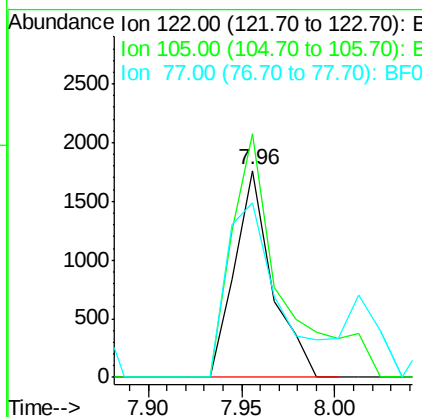
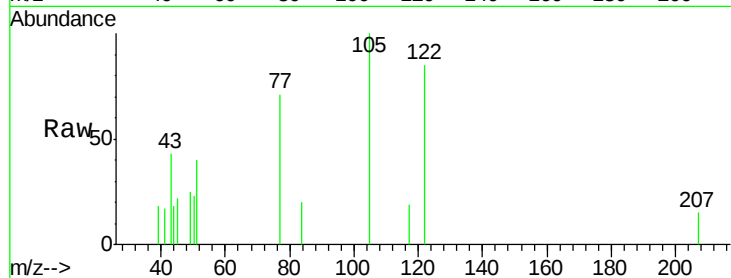




#32
Benzoic acid
Concen: 12.69 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

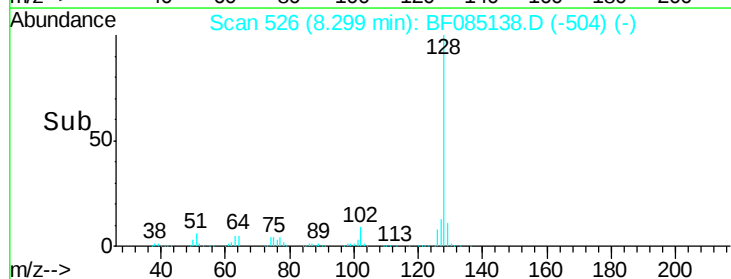
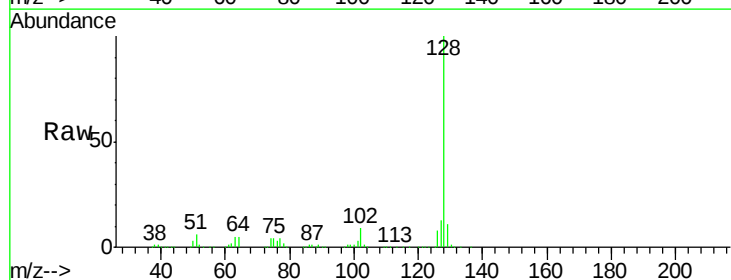
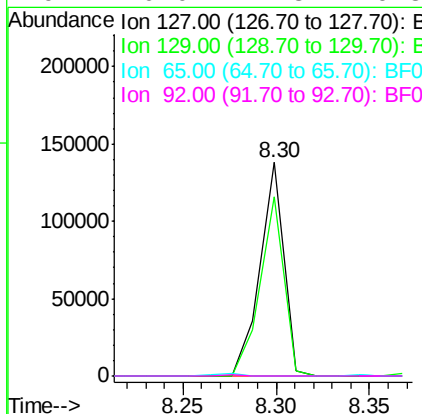
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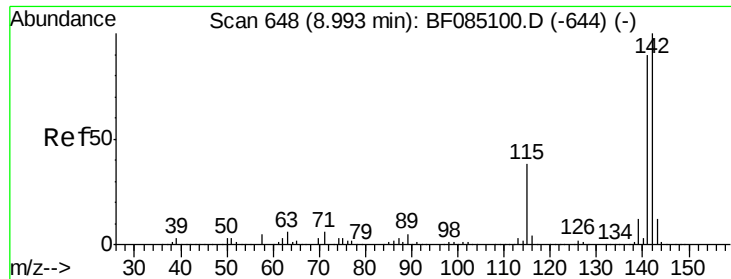
Tgt Ion:122 Resp: 2479
Ion Ratio Lower Upper
122 100
105 117.6 102.0 142.0
77 84.0 76.8 116.8



#33
4-Chloroaniline
Concen: 9.24 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Tgt Ion:127 Resp: 121797
Ion Ratio Lower Upper
127 100
129 83.8 26.3 39.5#
65 0.0 28.6 43.0#
92 0.0 17.8 26.8#

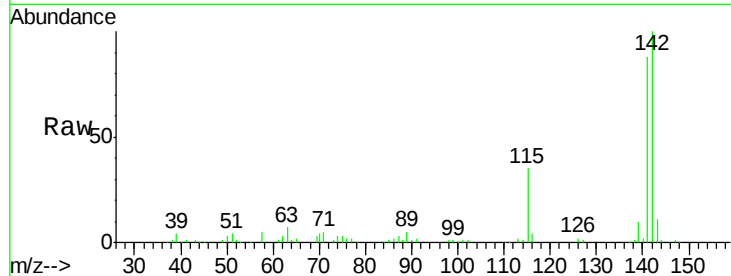




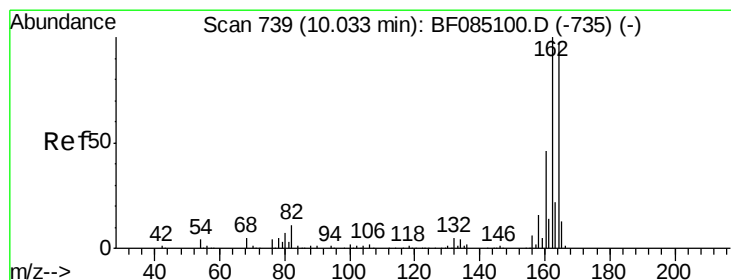
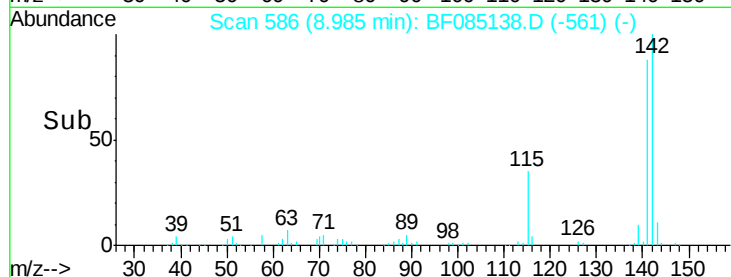
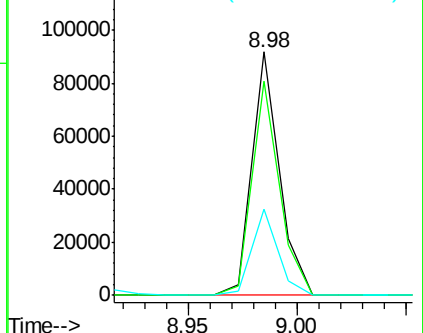
#37
 2-Methylnaphthalene
 Concen: 3.94 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085138.D
 Acq: 3 Mar 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Tgt Ion:142 Resp: 80288
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.7 107.5
 115 35.3 30.1 45.1

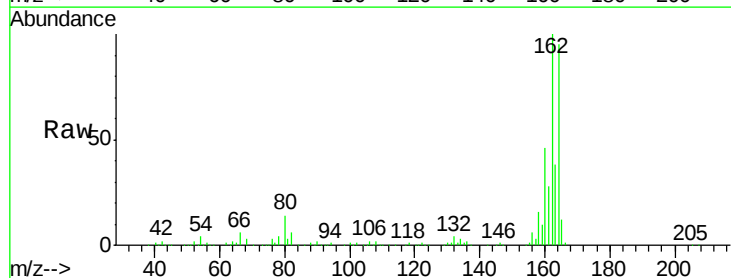


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

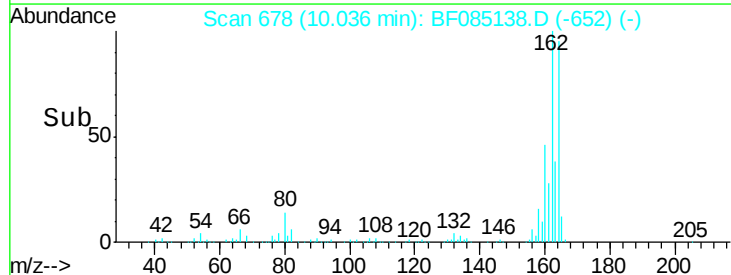
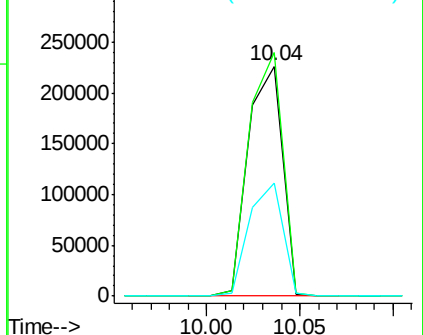


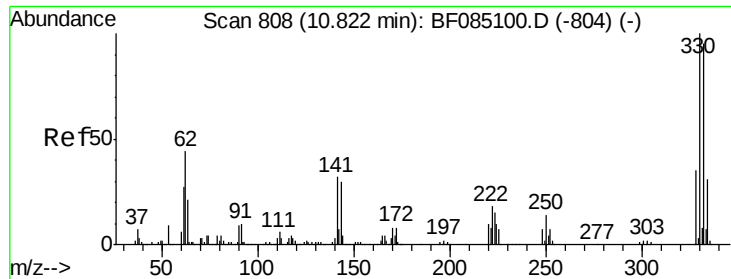
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF085138.D
 Acq: 3 Mar 2016 00:01

Tgt Ion:164 Resp: 288932
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 49.0 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

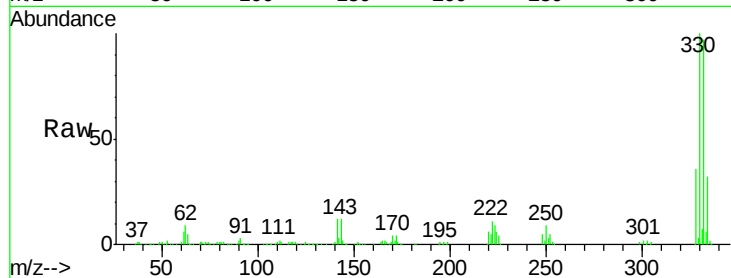




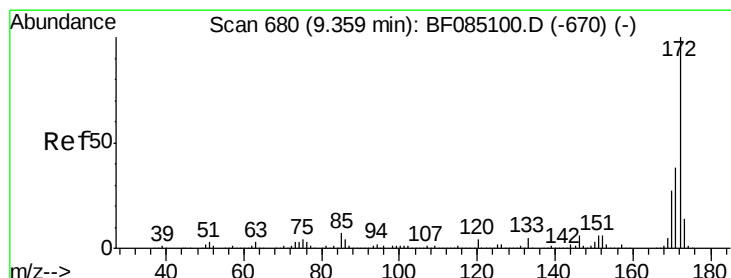
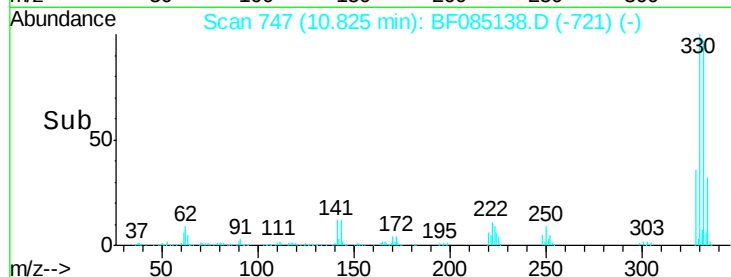
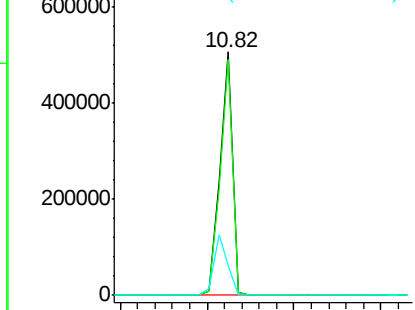
#41
 2,4,6-Tribromophenol
 Concen: 180.96 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085138.D
 Acq: 3 Mar 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Tgt Ion:330 Resp: 525426
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.9 113.9
 141 26.6 28.9 43.3#

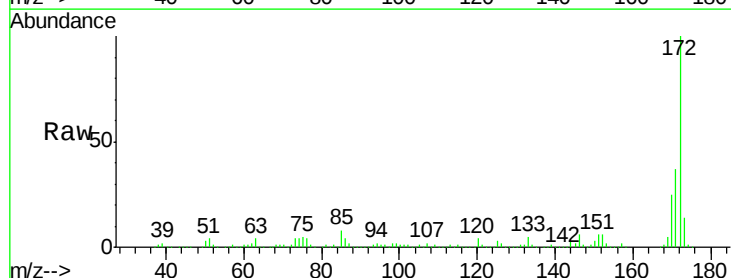


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

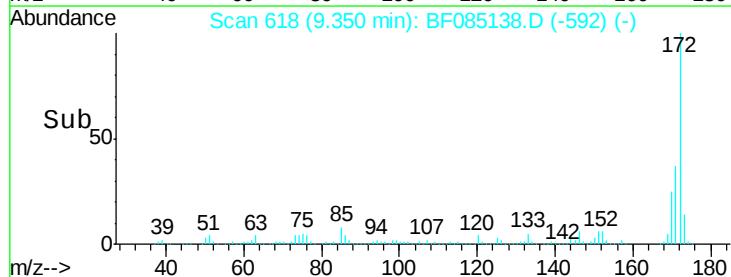
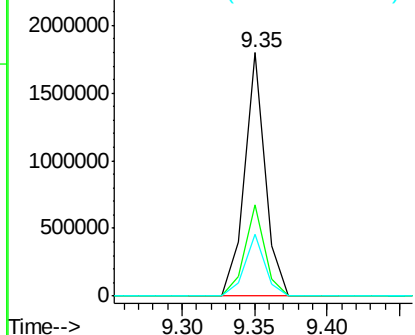


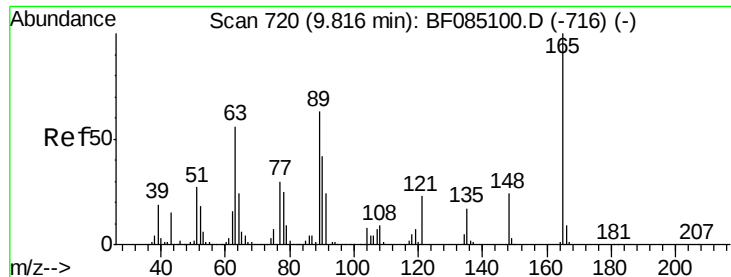
#44
 2-Fluorobiphenyl
 Concen: 89.93 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085138.D
 Acq: 3 Mar 2016 00:01

Tgt Ion:172 Resp: 1764340
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.5 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

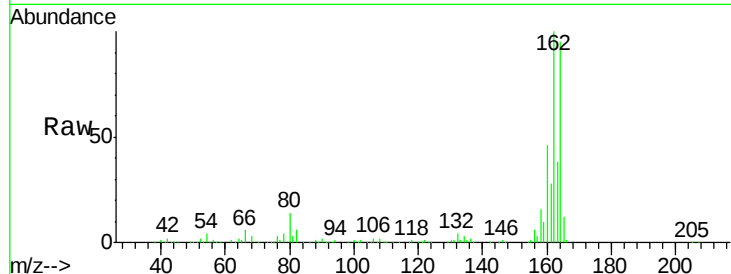




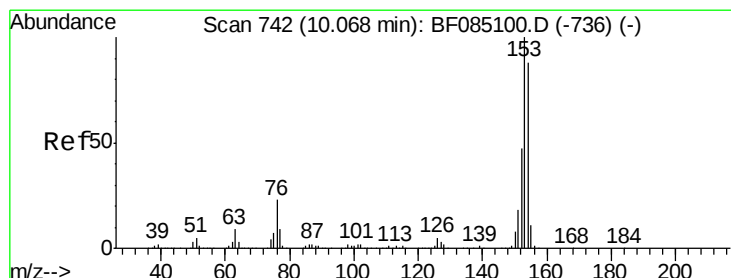
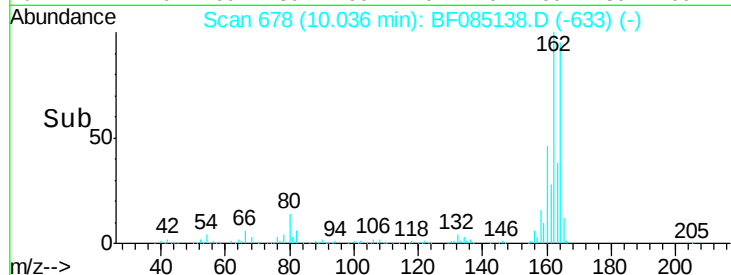
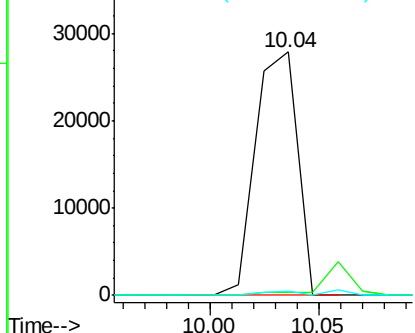
#50
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.22 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

Tgt Ion:165 Resp: 37595
Ion Ratio Lower Upper
165 100
63 1.3 47.4 71.2#
89 2.0 50.2 75.2#

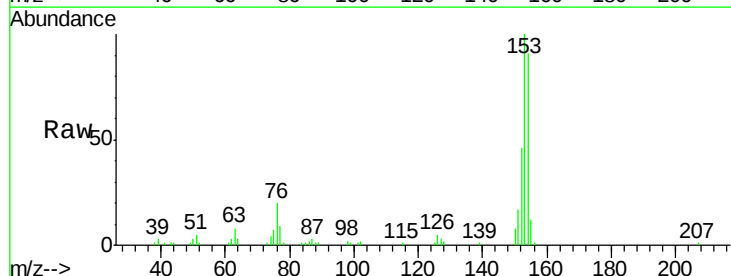


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

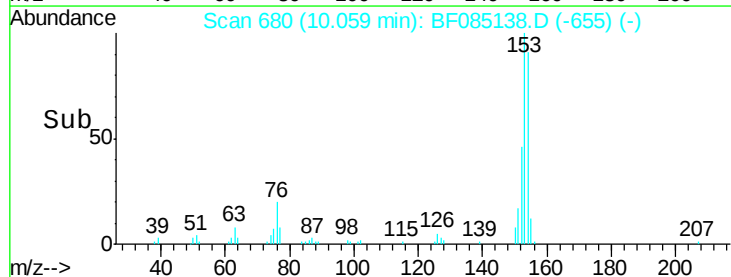
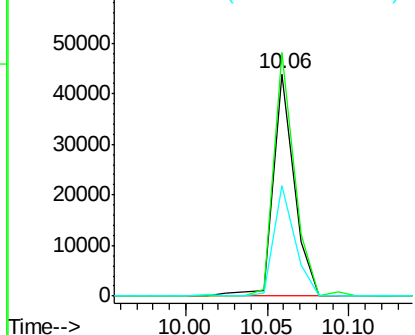


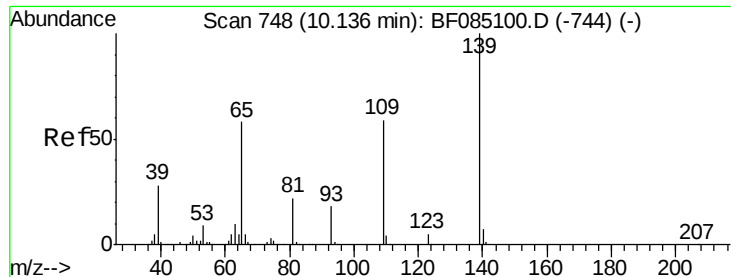
#51
Acenaphthene
Concen: 2.25 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085138.D
Acq: 3 Mar 2016 00:01

Tgt Ion:154 Resp: 39233
Ion Ratio Lower Upper
154 100
153 109.7 91.0 136.6
152 50.1 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#55

4-Nitrophenol

Concen: 2.83 ng

RT: 10.23 min Scan# 695

Delta R.T. 0.09 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

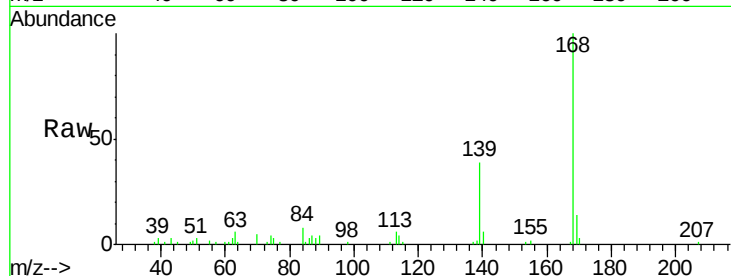
Tgt Ion:139 Resp: 11479

Ion Ratio Lower Upper

139 100

109 0.0 39.5 79.5#

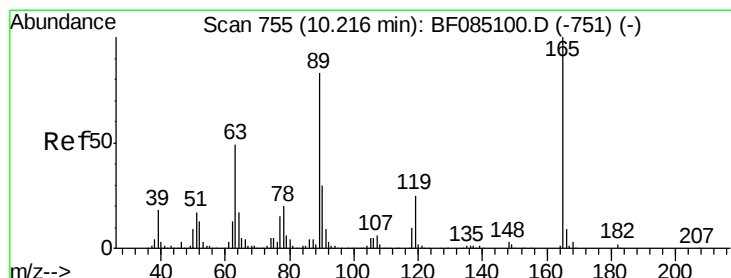
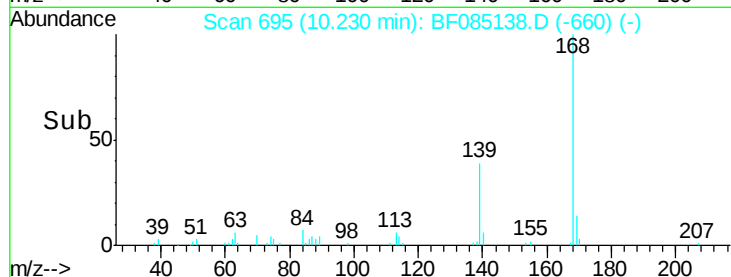
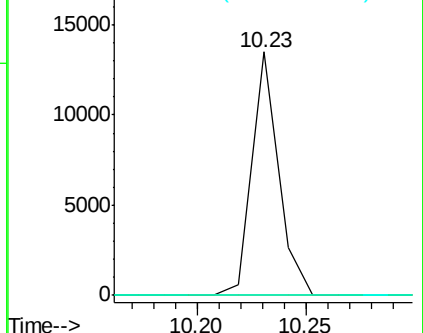
65 0.0 38.4 78.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 6.28 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.18 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Tgt Ion:165 Resp: 37595

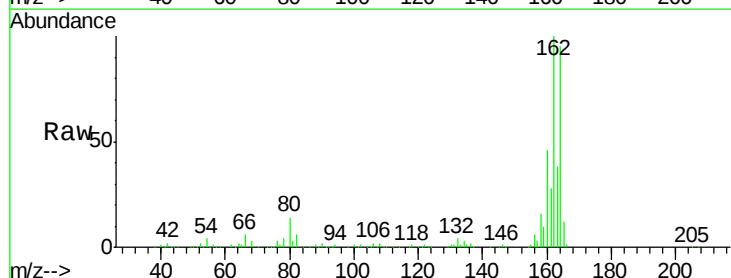
Ion Ratio Lower Upper

165 100

63 1.3 39.2 58.8#

89 2.0 66.2 99.4#

182 0.0 1.8 2.8#

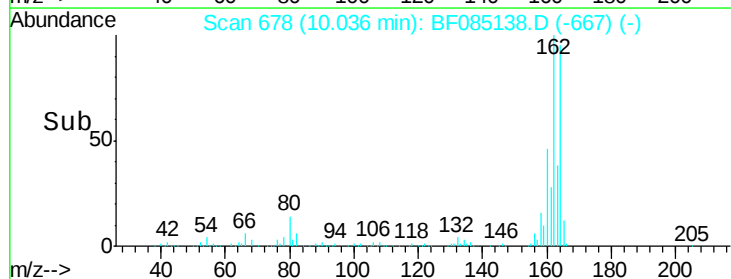
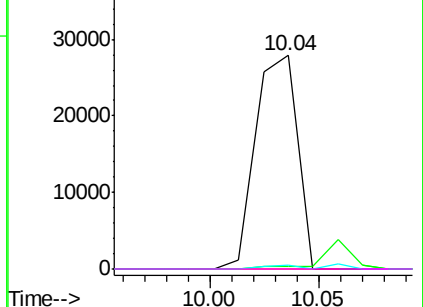


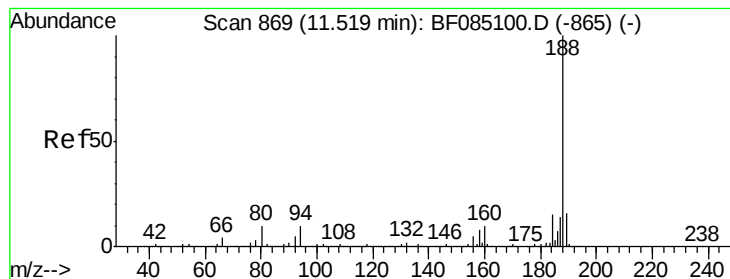
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

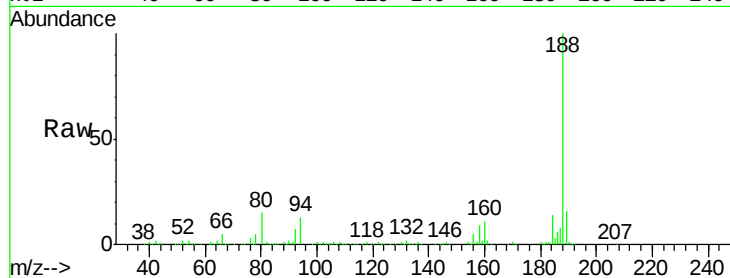
Tgt Ion:188 Resp: 488300

Ion Ratio Lower Upper

188 100

94 13.2 7.8 11.6#

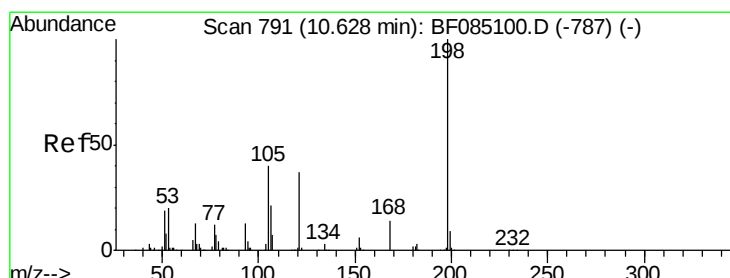
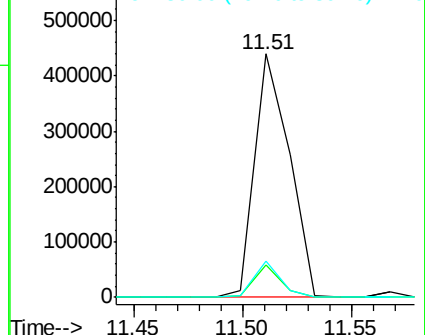
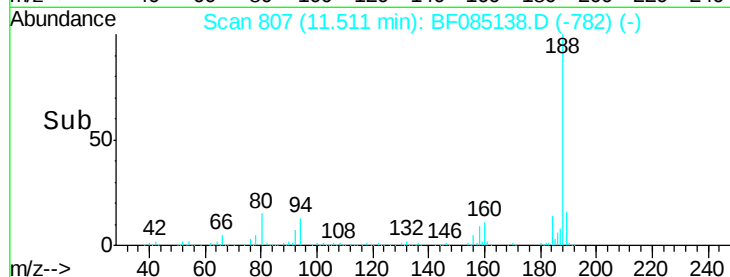
80 14.9 8.2 12.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 7.50 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

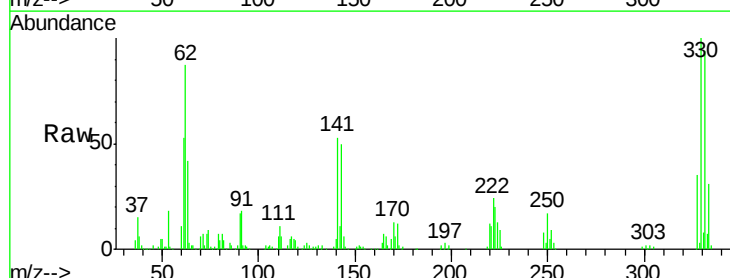
Tgt Ion:198 Resp: 1039

Ion Ratio Lower Upper

198 100

51 215.3 12.5 52.5#

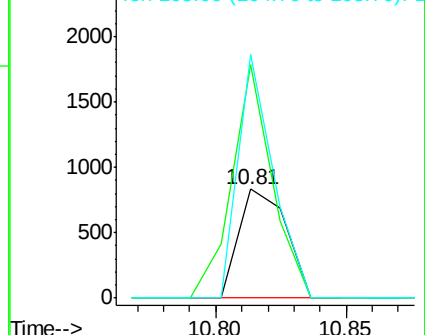
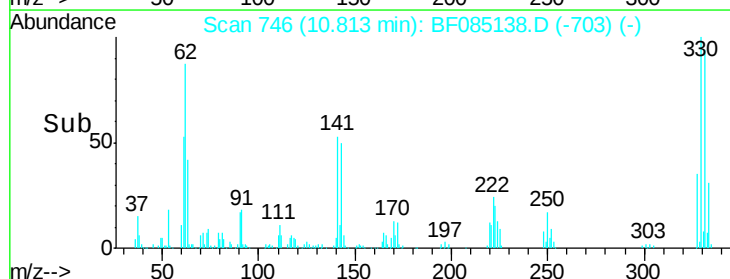
105 224.1 20.2 60.2#

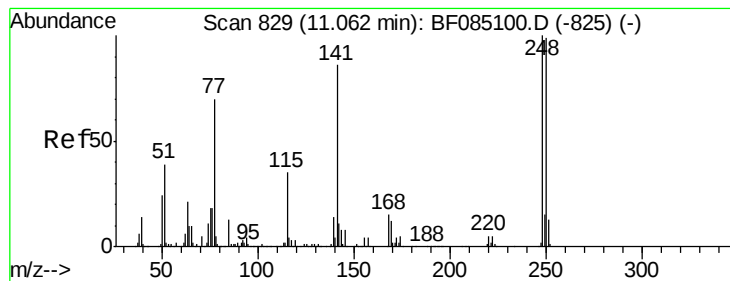


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 5.96 ng

RT: 10.82 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

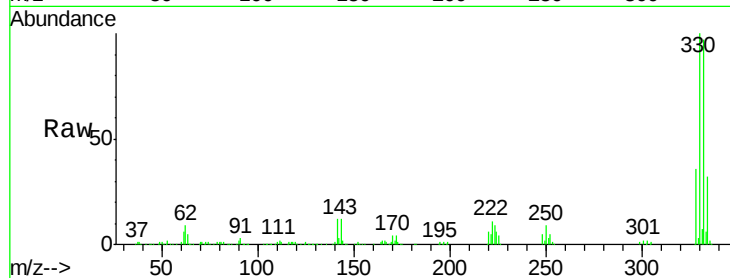
Tgt Ion:248 Resp: 30541

Ion Ratio Lower Upper

248 100

250 204.5 79.0 118.4#

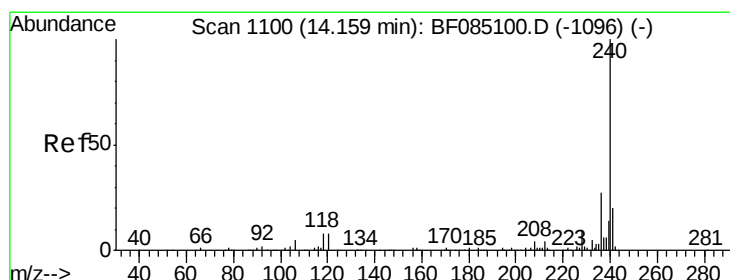
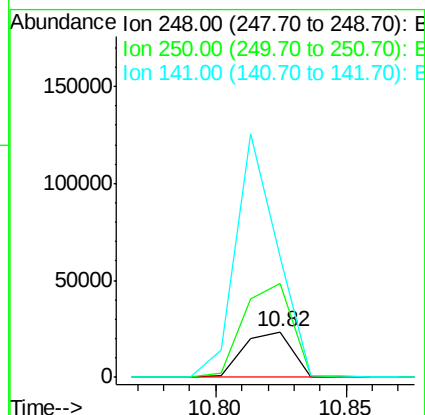
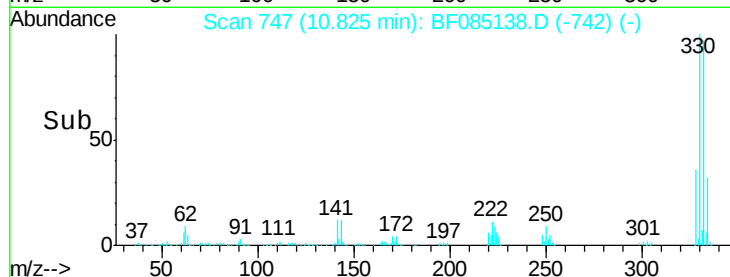
141 263.5 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

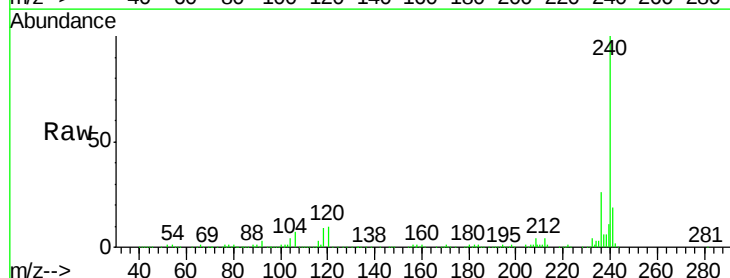
Tgt Ion:240 Resp: 365163

Ion Ratio Lower Upper

240 100

120 10.1 6.7 10.1

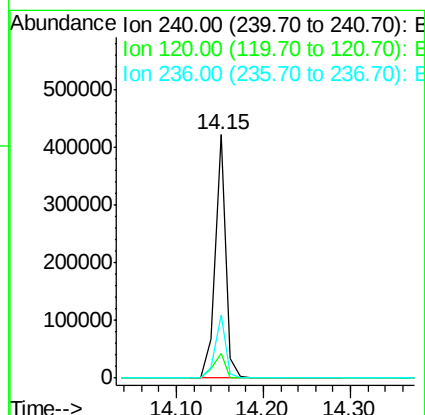
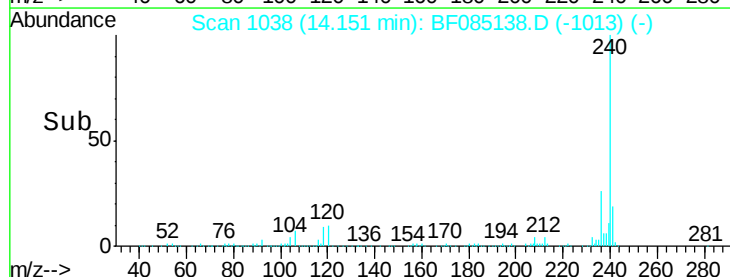
236 25.9 21.6 32.4

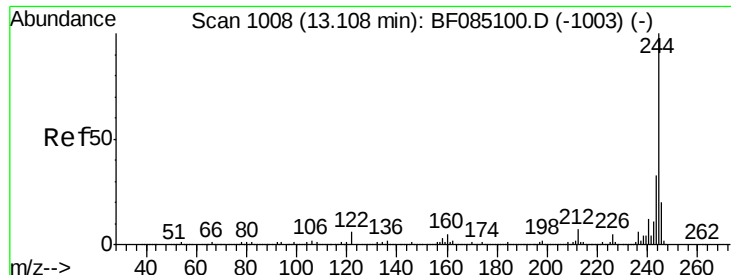


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.77 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

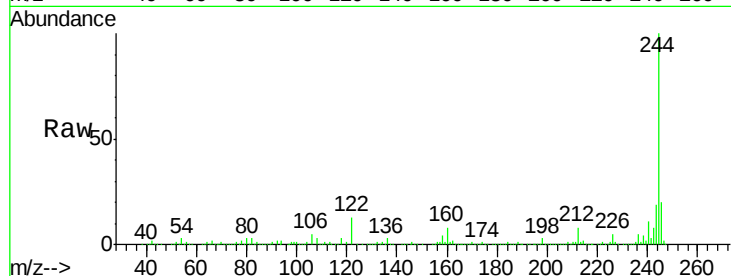
Tgt Ion:244 Resp: 1521881

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

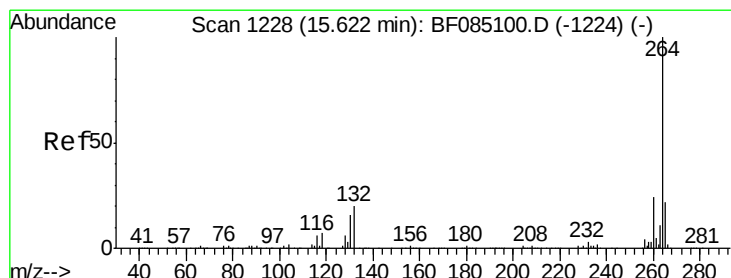
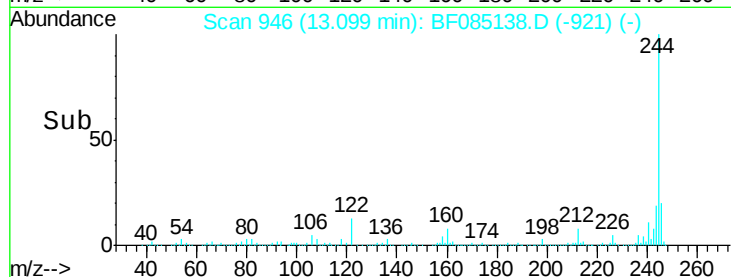
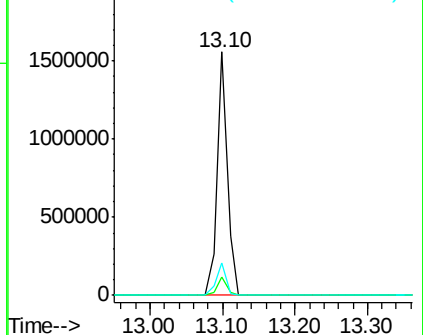
122 13.3 5.1 7.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085138.D

Acq: 3 Mar 2016 00:01

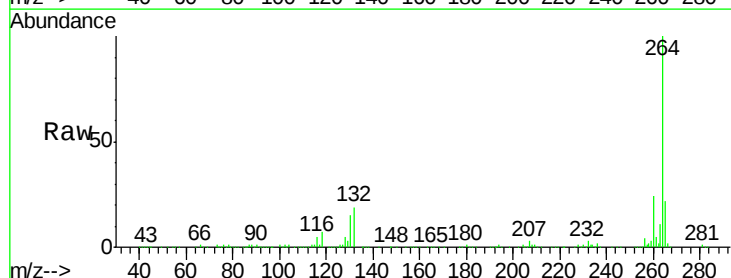
Tgt Ion:264 Resp: 369113

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 22.1 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

